and Y_2 receptor function to changes in extracellular calcium availability and prior in vitro peptide exposure, 289
differential effects of selective neurokinin agonists on phasic and tonic activity in rat ileal longitudinal muscle, 315
Cancer
effects of new somatostatin analogues on the cell proliferation of colonic crypts and colonic cancers in rats, 57
hypoalgesic action of bestatin analogues that inhibit central aminopeptidases but not neutral endopeptidase, 175
Capsaicin
contractile action of rat calcitonin gene-related peptide and of capsaicin on the guinea-pig ileum: effect of hCGRP(8–37) and CGRP tachyphylaxis, 325
distribution and binding sites of substance P and calcitonin gene-related peptide and their capsaicin-sensitivity in the spinal cord of rats and chicken, 241
α-carboxamidated and carboxy-terminal glycine forms of peptides in bovine hypothalamus bovine pituitary and porcine heart extracts, 255
Cardiovascular system *see* Heart; Vascular system
Cell proliferation
effects of diazepam binding inhibitor on lymphocytes, 207
effects of new somatostatin analogues on the proliferation of colonic crypts and colonic cancers in rats, 57
Cerebral cortex *see* Cortex
Cholecystokinin (CCK)
effect of CCK-8 on audiogenic epileptic seizure in P77PMC rats, 73
effect of loxiglumide (CR 1505) on CCK-induced contractions and ^{3}H-acetylcholine release from guinea-pig gallbladder, 271
effect of neurotensin and CCK-8 on canine gallbladder motility, 233
failure of intravenous CCK_4 or pentagastrin challenge to induce panic-like effects in rhesus monkeys, 115
processing release and metabolism of cholecystokinin in SK-N-MCIXC cells, 19
Cirrhosis: fast protein liquid chromatography method for study of thyrotropin releasing hormone and its metabolite histidyl-proline diketopiperazine (CHP) in blood extracts from patients with liver and pancreatic diseases, 357
Clorgyline: influence of monoamine oxidase inhibitors on striatonigral dynorphin system, 35
Colon
effects of new somatostatin analogues on the cell proliferation of colonic crypts and colonic cancers in rats, 57
regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Cortex
characterization of neurokinin binding sites in rat brain membranes using highly selective ligands, 65
cyclic AMP accumulation in brain nuclei of rats following microinjections of vasoactive intestinal polypeptide into the lateral ventricle, 351
decrease in prepro-neuropeptide Y gene expression in the adrenal gland and cerebral cortex of spontaneously hypertensive rats, 343
effect of cholecystokinin octapeptide on audiogenic epileptic seizure in P77PMC rats, 73
expression of prodynorphin-derived peptides and mRNA in guinea-pig cortex, 131
processing release and metabolism of cholecystokinin in SK-N-MCIXC cells, 19
Corticosteroids
effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
met-enkephalin induced escape from dexamethasone immunosuppression, 199
unusual effect of prolonged vasoactive intestinal polypeptide administration on adrenal growth and corticosterone secretion in the rat, 145
Corticotropin releasing hormone (CRH)
effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
effects of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
Cyclic AMP accumulation in brain nuclei of rats following microinjections of vasoactive intestinal polypeptide into the lateral ventricle, 351

D

Deltorphins: binding in vivo of selective μ and δ opioid agonists, 183
Deprenyl: influence of monoamine oxidase inhibitors on striatonigral dynorphin system, 35
Dermorphin: frog prodermorphin expressed in mammalian cells is partly converted to the hydroxyproline containing precursor, 61
Development, conversion of dynorphin A(1–8) to [Leu^5]enkephalin in rat central nervous tissue during, 121
Dexamethasone-induced immunosuppression, effect of met-enkephalin on, 199
Diazepam binding inhibitor, effects in vitro on human interleukin-6 secretion lymphocyte proliferation and natural killer cell activity of, 207
Dopamine (DA)
influence of monoamine oxidase inhibitors on striatonigral dynorphin system: a study with deprenyl and clorgyline, 35
role of DA receptors in the release of TRH from rat striatum and nucleus accumbens, 277
Dorsal horn
effects in rat of neurokinin receptor antagonists on mustand oil-evoked activation of neurons in, 299
inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat lamina I neurons, 213
Dynorphins
conversion of dynorphin A(1–8) to [Leu^5]enkephalin in rat central nervous tissue during development, 121
expression of prodynorphin-derived peptides and mRNA in guinea-pig cortex, 131
influence of monoamine oxidase inhibitors on striatonigral dynorphin system: a study with deprenyl and clorgyline, 35
inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213

E

Enkephalin(s)
conversion of dynorphin A(1–8) to [Leu⁵]enkephalin in rat central nervous tissue during development, 121
kinetic parameters of antagonism by the delta opioid receptor selective peptide antagonist Boc-Tyr-Pro-Gly-Phe-Leu-Thr against selective and non-selective agonists in the mouse vas deferens, 127
met-enkephalin induced escape from dexamethasone immunosuppression, 199
Epilepsy: effect of cholecystokinin octapeptide on audiogenic epileptic seizure in P77PMC rats, 73
Ethanol-induced sedation, effect of thyrotropin releasing hormone in alcohol-preferring and -nonpreferring rats on, 283

F

Furin: processing release and metabolism of cholecystokinin in SK-N-MCIXC cells, 19

G

Galanin, release from rat stomach of, 47
Gallbladder
effect of loxiglumide (CR 1505) on cholecystokinin-induced contractions and ^{3}H-acetylcholine release from guinea-pig gallbladder, 271
effect of neurotensin on canine gallbladder motility, 233
Gastrointestinal tract
comparison of the effects of (±)CP96,345 and L-668,169 on neurokinin receptor mediated responses in rat and guinea-pig isolated tissues, 169
contractile action of rat calcitonin gene-related peptide and of capsaicin on the guinea-pig ileum: effect of hCGRP (8–37) and CGRP tachyphylaxis, 325
differential effects of selective neurokinin agonists on phasic and tonic activity in rat ileal longitudinal muscle, 315
effect of loxiglumide (CR 1505) on cholecystokinin-induced contractions and ^{3}H-acetylcholine release from guinea-pig gallbladder, 271
effect of neurotensin on canine gallbladder motility, 233
effects of new somatostatin analogues on the cell proliferation of colonic crypts and colonic cancers in rats, 57
endoscopic biopsies and microelectrodes used to study gastric acid secretion in vitro, 265
fast protein liquid chromatography method for study of thyrotropin releasing hormone and its metabolite histidyl-proline diketopiperazine (CHP) in blood extracts from patients with liver and pancreatic diseases, 357
pharmacological evidence for the release of galanin from rat stomach, 47
regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Glucocorticoids
effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
met-enkephalin induced escape from dexamethasone immunosuppression, 199
Glycine residues: identification of α-carboxamidated and carboxy-terminal glycine forms of peptides in bovine hypothalamus bovine pituitary and porcine heart extracts, 255
Growth hormone
contradictory clinical implications between paradoxical growth hormone responses to thyrotropin releasing hormone and those to vasoactive intestinal polypeptide and luteinizing hormone-releasing hormone in acromegaly, 363
structural and functional expression of a cDNA for porcine growth hormone-releasing hormone receptor, 1

H

Heart
cardiac vagal effects in the toad are attenuated by repetitive vagal stimulation, 193
effects of central substance P on baroreflex regulation, 77
failure of intravenous pentagastrin challenge to induce panic-like effects in rhesus monkeys, 115
identification of α-carboxamidated and carboxy-terminal glycine forms of peptides in, 255
neural mediation of the cardiovascular responses to intrathecal administration of substance P in the rat: slowing of the cardioacceleration by an adrenal opioid factor, 331
Hippocampus
characterization of neurokinin binding sites in rat brain membranes using highly selective ligands, 65
cyclic AMP accumulation in brain nuclei of rats following microinjections of vasoactive intestinal polypeptide into the lateral ventricle, 351
effect of cholecystokinin octapeptide on audiogenic epileptic seizure in P77PMC rats, 73
Histidyl-proline diketopiperazine (CHP): a fast protein liquid chromatography method for study of thyrotropin releasing hormone and CHP in blood extracts from patients with liver and pancreatic diseases, 357
Hydrin 2 and provasotocin processing: relative increase in amphibians able to adapt to an arid environment, 139
5-Hydroxytryptamine: and influence of monoamine oxidase inhibitors on striatonigral dynorphin system, 35
Hypertension: decrease in prepro-neuropeptide Y gene expression in the adrenal gland and cerebral cortex of spontaneously hypertensive rats, 343
Hypothalamus
characterization of neurokinin binding sites in rat brain membranes using highly selective ligands, 65
cyclic AMP accumulation in brain nuclei of rats following microinjections of vasoactive intestinal polypeptide into the lateral ventricle, 351
distribution and cellular localization of vasopressin mRNA in the ovine brain, 11
effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
effects of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
identification of α-carboxamidated and carboxy-terminal glycine forms of peptides in, 255
vasoactive intestinal polypeptide immunoreactivity in the hypothalamus of the domestic fowl *Gallus domesticus*, 83

I

Ileum
  comparison of the effects of (±)CP96,345 and L-668,169 on neurokinin receptor mediated responses in rat and guinea-pig isolated tissues, 169
  contractile action of rat calcitonin gene-related peptide and of capsaicin on the guinea-pig ileum: effect of hCGRP(8–37) and CGRP tachyphylaxis, 325
  differential effects of selective neurokinin agonists on phasic and tonic activity in rat ileal longitudinal muscle, 315
  regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Immune system
  effects of diazepam binding inhibitor on human interleukin-6 secretion lymphocyte proliferation and natural killer cell activity in vitro, 207
  evidence for thyroliberin/triiodothyronine control of thyrotropin secretory response from human peripheral blood monocytes cultured in vitro, 31
  inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
  met-enkephalin induced escape from dexamethasone immunosuppression, 199
Infection: regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Inflammation
  inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
  inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213
  regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Interleukin-6, effects of diazepam binding inhibitor on, 207
Intestine *see* Gastrointestinal tract

L

Liver: fast protein liquid chromatography method for study of thyrotropin releasing hormone and its metabolite histidyl-proline diketopiperazine (CHP) in blood extracts from patients with cirrhosis, 357
Loxiglumide (CR 1505), effect on cholecystokinin-induced contractions and ^{3}H-acetylcholine release from guinea-pig gallbladder of, 271
Lung(s): inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
Luteinizing hormone-releasing hormone (LHRH): contradictory clinical implications between paradoxical growth hormone responses to thyrotropin releasing hormone and those to vasoactive intestinal polypeptide and LHRH in acromegaly, 363
Lymphocyte proliferation, effects of diazepam binding inhibitor on, 207

M

Macrophages
  evidence for thyroliberin/triiodothyronine control of thyrotropin secretory response from human peripheral blood monocytes cultured in vitro, 31
  inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
Median eminence: vasoactive intestinal polypeptide immunoreactivity in the hypothalamus of the domestic fowl *Gallus domesticus*, 83
Monoamine oxidase inhibitors, influence on striatonigral dynorphin system of, 35
Muscle(s)
  comparison of the effects of (±)CP96,345 and L-668,169 on neurokinin receptor mediated responses in rat and guinea-pig isolated tissues, 169
  contractile action of rat calcitonin gene-related peptide and of capsaicin on the guinea-pig ileum: effect of hCGRP(8–37) and CGRP tachyphylaxis, 325
  differential effects of selective neurokinin agonists on phasic and tonic activity in rat ileal longitudinal muscle, 315
  effect of loxiglumide (CR 1505) on cholecystokinin-induced contractions and ^{3}H-acetylcholine release from guinea-pig gallbadder, 271
  effect of neurotensin on canine gallbladder motility, 233
  pharmacological evidence for the release of galanin from rat stomach, 47
  regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95

N

Natural killer cells, effects of diazepam binding inhibitor on, 207
Neurokinins/NK receptors
  characterization of neurokinin binding sites in rat brain membranes using highly selective ligands, 65
  comparison of the effects of (±)CP96,345 and L-668,169 on neurokinin receptor mediated responses in rat and guinea-pig isolated tissues, 169
  differential effects of selective neurokinin agonists on phasic and tonic activity in rat ileal longitudinal muscle, 315
  effects of neurokinin receptor antagonists on mustard oil-evoked activation of rat dorsal horn neurons, 299
  inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213
  neurokinin A-like immunoreactivity in the cat brainstem, 105
Neuropeptide Y (NPY)
  characterization of vascular postsynaptic NPY receptor function and regulation and differential sensitivity of Y_1 and Y_2 receptor function to changes in extracellular calcium availability and prior in vitro peptide exposure, 289
  decrease in prepro-neuropeptide Y gene expression in the adrenal gland and cerebral cortex of spontaneously hypertensive rats, 343
  effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223

Neurotensin, effect on canine gallbladder motility of, 233
Neutral endopeptidase
  hypoalgesic action of bestatin analogues that inhibit central aminopeptidases but not neutral endopeptidase, 175
  processing release and metabolism of cholecystokinin in SK-N-MCIXC cells, 19
Nitric oxide is not involved in the effects induced by non-adrenergic non-cholinergic stimulation and calcitonin gene-related peptide in the rat mesenteric vascular bed, 51
Non-adrenergic non-cholinergic (NANC) nerves: nitric oxide is not involved in the effects induced by NANC stimulation and calcitonin gene-related peptide in the rat mesenteric vascular bed, 51
Noradrenaline: effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
Nucleus accumbens, role of dopamine receptors in the release of thyrotropin releasing hormone from rat striatum and, 277

O

Opioids
  binding in vivo of selective μ and δ receptor agonists: localization by autoradiography, 183
  conversion of dynorphin A(1–8) to [Leu^5]enkephalin in rat central nervous tissue during development, 121
  expression of prodynorphin-derived peptides and mRNA in guinea-pig cortex, 131
  frog prodermorphin expressed in mammalian cells is partly converted to the hydroxyproline containing precursor, 61
  hypoalgesic action of bestatin analogues that inhibit central aminopeptidases but not neutral endopeptidase, 175
  influence of monoamine oxidase inhibitors on striatonigral dynorphin system: a study with deprenyl and clorgyline, 35
  inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213
  kinetic parameters of antagonism by the delta opioid receptor selective peptide antagonist Boc-Tyr-Pro-Gly-Phe-Leu-Thr against selective and non-selective agonists in the mouse vas deferens, 127
  met-enkephalin induced escape from dexamethasone immunosuppression, 199
  neural mediation of the cardiovascular responses to intrathecal administration of substance P in the rat: slowing of the cardioacceleration by an adrenal opioid factor, 331
  opioid regulation of proopiomelanocortin gene expression in the rat brain as studied by in situ hybridization, 91
Osmosis
  differential processing of provasotocin: relative increase of hydrin 2 in amphibians able to adapt to an arid environment, 139
  effect of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161

P

Pain
  binding in vivo of selective μ and δ opioid agonists: localization by autoradiography, 183
  effects of neurokinin receptor antagonists on mustard oil-evoked activation of rat dorsal horn neurons, 299
  hypoalgesic action of bestatin analogues that inhibit central aminopeptidases but not neutral endopeptidase, 175
  inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213
Pancreas: fast protein liquid chromatography method for study of thyrotropin releasing hormone and its metabolite histidyl-proline diketopiperazine (CHP) in blood extracts from patients with pancreatitis, 357
Panic attacks: failure of intravenous CCK_4 or pentagastrin challenge to induce panic-like effects in rhesus monkeys, 115
Parasites: regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
Paraventricular nucleus
  distribution and cellular localization of vasopressin mRNA in the ovine brain, 11
  effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
  effects of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
  vasoactive intestinal polypeptide immunoreactivity in the hypothalamus of the domestic fowl *Gallus domesticus*, 83
Pentagastrin: failure of intravenous CCK_4 or pentagastrin challenge to induce panic-like effects in rhesus monkeys, 115
Pineal gland, distribution and cellular localization of vasopressin mRNA in, 11
Pituitary gland
  contradictory clinical implications between paradoxical growth hormone responses to thyrotropin releasing hormone and those to vasoactive intestinal polypeptide and luteinizing hormone-releasing hormone in acromegaly, 363
  distribution and cellular localization of vasopressin mRNA in, 11
  identification of α-carboxamidated and carboxy-terminal glycine forms of peptides in, 255
Prohormone convertases (PC1; PC2)
  processing release and metabolism of cholecystokinin in SK-N-MCIXC cells, 19
  release of PC1 from AtT-20 cells, 151
Proline residues: frog prodermorphin expressed in mammalian cells is partly converted to the hydroxyproline containing precursor, 61
Proopiomelanocortin (POMC)
  effect of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus and, 161
  opioid regulation of POMC gene expression in the rat brain as studied by in situ hybridization, 91
Provasotocin processing: relative increase of hydrin 2 in amphibians able to adapt to an arid environment, 139

S

Sedation, ethanol-induced, effect in alcohol-preferring and non-preferring rats of thyrotropin releasing hormone on, 283
Somatostatin (SS)
  cardiac vagal effects in the toad are attenuated by repetitive vagal stimulation, 193
  effects of new analogues ASS-51 and ASS-52 on the cell proliferation of colonic crypts and colonic cancers in rats, 57
Spinal cord
  distribution and binding sites of substance P and calcitonin gene-related peptide and their capsaicin-sensitivity in the spinal cord of rats and chicken, 241
  effects of neurokinin receptor antagonists on mustard oil-evoked activation of rat dorsal horn neurons, 299
  inhibition by NK_2 but not NK_1 antagonists of carageenan-induced preprodynorphin mRNA expression in rat dorsal horn lamina I neurons, 213
  neural mediation of the cardiovascular responses to intrathecal administration of substance P in the rat: slowing of the cardioacceleration by an adrenal opioid factor, 331
Steroids *see* Corticosteroids
Stomach
  endoscopic biopsies and microelectrodes used to study gastric acid secretion in vitro, 265
  pharmacological evidence for the release of galanin from rat stomach, 47
Stress
  effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
  effects of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
Striatum
  characterization of neurokinin binding sites in rat brain membranes using highly selective ligands, 65
  expression of prodynorphin-derived peptides and mRNA in guinea-pig cortex and, 131
  influence of monoamine oxidase inhibitors on striatonigral dynorphin system: a study with deprenyl and clorgyline, 35
  role of dopamine receptors in the release of thyrotropin releasing hormone from rat nucleus accumbens and, 277
Substance P
  distribution and binding sites of substance P and calcitonin gene-related peptide and their capsaicin-sensitivity in the spinal cord of rats and chicken, 241
  effects of central substance P on baroreflex regulation, 77
  inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
  neural mediation of the cardiovascular responses to intrathecal administration of substance P in the rat: slowing of the cardioacceleration by an adrenal opioid factor, 331
  regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
  see also Neurokinins/NK receptors
Substantia nigra: influence of monoamine oxidase inhibitors on striatonigral dynorphin system, 35
Superoxide anion
  inhaled substance P induces activation of alveolar macrophages and increases airway responses in the guinea-pig, 307
  met-enkephalin induced escape from dexamethasone immunosuppression and, 199
Suprachiasmatic nucleus
  distribution and cellular localization of vasopressin mRNA in the ovine brain, 11
  vasoactive intestinal polypeptide immunoreactivity in the hypothalamus of the domestic fowl *Gallus domesticus*, 83
Supraoptic nucleus
  distribution and cellular localization of vasopressin mRNA in the ovine brain, 11
  effect of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
  vasoactive intestinal polypeptide immunoreactivity in the hypothalamus of the domestic fowl *Gallus domesticus*, 83

T

Tachykinins *see* Neurokinins/NK receptors
Thyroid hormones: evidence for thyroliberin/triiodothyronine control of thyrotropin secretory response from human peripheral blood monocytes cultures in vitro, 31
Thyrotropin (TSH): evidence for thyroliberin/triiodothyronine control of TSH secretory response from human peripheral blood monocytes cultured in vitro, 31
Thyrotropin releasing hormone (TRH)
  contradictory clinical implications between paradoxical growth hormone responses to thyrotropin releasing hormone and those to vasoactive intestinal polypeptide and luteinizing hormone-releasing hormone in acromegaly, 363
  effect of TRH on ethanol-induced sedation in alcohol-preferring and-nonpreferring rats, 283
  evidence for thyroliberin/triiodothyronine control of thyrotropin secretory response for human peripheral blood monocytes cultures in vitro, 31
  fast protein liquid chromatography method for study of TRH and its metabolite histidyl-proline diketopiperazine (CHP) in blood extracts from patients with liver and pancreatic diseases, 357
  role of dopamine receptors in the release of TRH from rat striatum and nucleus accumbens, 277
Tumours *see* Cancer

V

Vagus nerve: cardiac vagal effects in the toad are attenuated by repetitive vagal stimulation, 193
Vascular system
  characterization of vascular postsynaptic neuropeptide Y receptor function and regulation and differential sensitivity of Y_1 and Y_2 receptor function to changes in extracellular calcium availability and prior in vitro peptide exposure, 289
  decrease in prepro-neuropeptide Y gene expression in the adrenal gland and cerebral cortex of spontaneously

hypertensive rats, 343
effects of central substance P on baroreflex regulation, 77
failure of intravenous pentagastrin challenge to induce panic-like effects in rhesus monkeys, 115
neural mediation of the cardiovascular responses to intrathecal administration of substance P in the rat: slowing of the cardioacceleration by an adrenal opioid factor, 331
nitric oxide is not involved in the effects induced by non-adrenergic non-cholinergic stimulation and calcitonin gene-related peptide in the rat mesenteric vascular bed, 51
see also Heart
Vasoactive intestinal polypeptide (VIP)
contradictory clinical implications between paradoxical growth hormone responses to thyrotropin releasing hormone and those to vasoactive intestinal polypeptide and luteinizing hormone-releasing hormone in acromegaly, 363
cyclic AMP accumulation in brain nuclei of rats following microinjections of VIP into the lateral ventricle, 351
immunoreactivity to VIP in the hypothalamus of the domestic fowl *Gallus domesticus*, 83
regional content of enteric substance P and vasoactive intestinal polypeptide during intestinal inflammation in the parasitized ferret, 95
unusual effect of prolonged VIP administration on adrenal growth and corticosterone secretion in the rat, 145
Vasopressin (arginine vasopressin: AVP)
distribution and cellular localization of vasopressin mRNA in the ovine brain pituitary and pineal gland, 11
effects of chronic glucocorticoid excess adrenalectomy and stress on neuropeptide Y in individual rat hypothalamic nuclei, 223
effects of salt-loading on corticotropin releasing hormone and arginine vasopressin mRNA levels in the mouse hypothalamus: a quantitative in situ hybridization analysis, 161
Vasotocin/provasotocin processing: relative increase of hydrin 2 in amphibians able to adapt to an arid environment, 139

NEUROPEPTIDES

Neuropeptides (1993) **25**, 383–384
© Longman Group UK Ltd 1993

Author Index to Volume 25

A

ACHER, R., 139
ADAMSON, D., 265
AGRO, A., 207
AGUIRRE, J. A., 105
ALLESCHER, H.-D., 315
AMERINI, S., 51
APPENRODT, E., 77

B

BAHNER, U., 351
BARTHO, L., 325
BEARDSHALL, K., 265
BEINFELD, M. C., 19
BENNETT, T., 1
BOICHOT, E., 307
BRATTSTRÖM, A., 77
BUDZISZEWSKA, B., 277

C

CALAM, J., 265
CHAUVET, J., 139
CLASSEN, M., 315
CORDER, R., 223
COURTICE, G. P., 193
COVEÑAS, R., 105
CROSSLEY, J., 207

D

DAVIS, T. P., 19
DAY, R., 19
DE GIROLAMO, P., 83
DE LEÓN, M., 105
DIXON, D. M., 121
DONG, X., 289
DOUGHTY, M. B., 289
DRAPEAU, G., 315
DU, Y., 73
DUNTAS, L., 357

E

ESPOSITO, V., 83

F

FLANNERY, G. M., 255
FLEETWOOD-WALKER, S. M., 213, 299
FRASER, B. A., 255
FROSSARD, N., 307
FUENTES, J. A., 175

G

GAILLARD, R. C., 223
GARCIA DE YEBENES, E., 91
GARGIULO, G., 83
GERSTBERGER, R., 241
GILL, J., 265
GONZÁLEZ-BARÓN, S., 105
GRAB, B. M., 357
GREENWOOD, B., 95

H

HABERSTOCK, H., 199
HAN, J-S., 73
HEIDLAND, A., 351
HEMPEL, K., 351
HENRY, J. L., 331
HIGUCHI, H., 343
HILL, J. C., 255
HOLZER-PETSCHE, U., 47
HSIUNG, H. M., 1
HUMPEL, C., 65

I

IGLESIAS, T., 175
IVERSEN, S. D., 115
IWASA, A., 343

J

JAWORSKA, L., 277

K

KALFIN, R., 233
KATZ, U., 139
KOCZAN, G., 325
KOMOROWSKI , J., 31
KONINGS, P. N. M., 19
KREIL, G., 61
KUBEK, M. J., 283
KWAŚNY, H., 57

L

LACHOWICZ-OCHĘDALSKA, A., 57
LAGENTE, V., 307
LAI, M-H., 1
LE CAER, J.-P., 61
LEDDA, F., 51
LĘGOWSKA, A., 57
LINDBERG, I., 151
LOH, Y. P., 161
LONGMORE, J., 169

M

MAGGI, C. A., 325
MAGYAR, A., 127
MAIER, V., 357
MALENDOWICZ, L. K., 145
MANIA-FARNELL, B., 19
MANTELLI, L., 51
MANTOVANI, P., 271
MARCOS, P., 105
MARINOVA, D., 233
MAROTTI, T., 199
MATTHEWS, S. G., 11
MEADOR-WOODRUFF, J. H., 131
MEDZIHRADSZKY, K., 127
MICHEL, G., 139
MILENOV, K., 233, 271
MILLER, D. W., 289
MISSE, G. A., 289
MITCHELL, R., 213, 299
MOKHTARI, M., 183
MORZORATI, S., 283
MOSER, R. L., 47
MOSS, S. F., 265
MUNRO, F. E., 213, 299

N

NAKANO, K., 343
NARVÁEZ, J. A., 105

NELSON, D. K., 357
NUSSDORFER, G. G., 145

O

OAKES, M. G., 19
OTERO, M. J., 175
OUEDRAOGO, Y., 139

P

PADOL, I., 207
PALKOVITS, M., 351
PALMER, J. M., 95
PARKER, R. M. C., 213, 299
PARROTT, R. F., 11
PAUBERT-BRAQUET, M., 307
PAWLIKOWSKI, M., 31, 57
PELLETIER, G., 91
PHAROW, L., 77
PIERAU, F-K., 241
PRALONG, F. P., 223
PRESTON, E., 193
PRZEGALIŃSKI, E., 277
PRZYBYLSKI, J., 57

R

RAKOVSKA, A., 271
RAMSDELL, C. D., 131
RAZZAQUE, Z., 169
REGOLI, D., 315
RICHARDS, C., 207
RÓNAI, A. Z., 127
ROSENTHAL, J., 357
ROSIE, R., 213
ROSSIER, J., 61
RÖSSLER, W., 241
ROSTECK, P. R., Jr, 1
RUPNIAK, N. M. J., 115

S

SANN, H., 241
SARIA, A., 65
SASAKI, S., 363
SCHAFFER, L., 115
SCHMID, G., 351
SCHUSDZIARRA, V., 315
SEETHALER, G., 61
SEIDAH, N. G., 19
SGARAGLI, G., 271
SIEGL, P., 115
SIRINATHSINGHJI, D. J. S., 11
SIVAM, S. P., 35
SMITH, D. P., 1
STANISZ, A., 207
STĘPIEŃ, H., 31, 207
SZADOWSKA, A., 57

T

TAFANI, J. A. M., 183
TAKEBE, K., 363
TAMURA, T., 363
TESSEL, R. E., 289
TRACER, H. L., 161
TRAMU, G., 105
TRAYNOR, J. R., 121

U

UNWIN, R., 265

V

VALOTI, M., 271
VASSILEVA, M., 233
VINDROLA, O., 151

W

WAHEED, A., 265
WATANOBE, H., 363
WILLIS, S., 315
WINCZYK, K., 57

Y

YASHPAL, K., 331

Z

ZAJAC, J. M., 183
ŻEREK-MEŁEŃ, G., 57
ZHANG, L-X., 73
ZHANG, X-Y., 1
ZHOU, Y., 73